

200260" 62F9200F

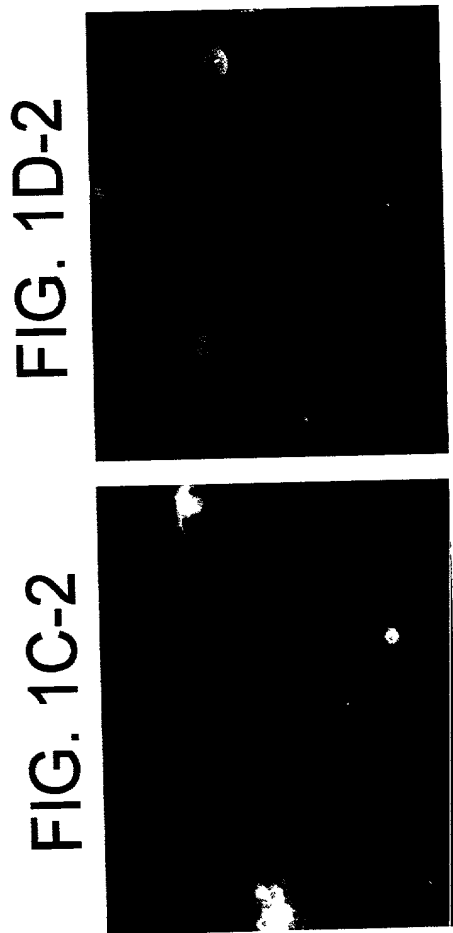
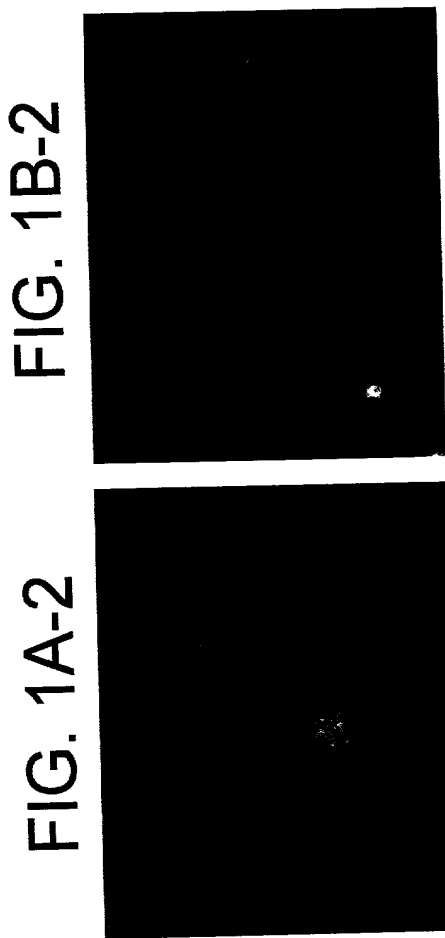
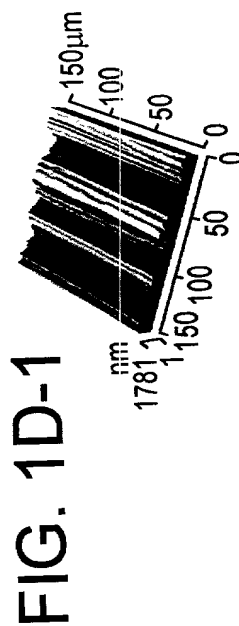
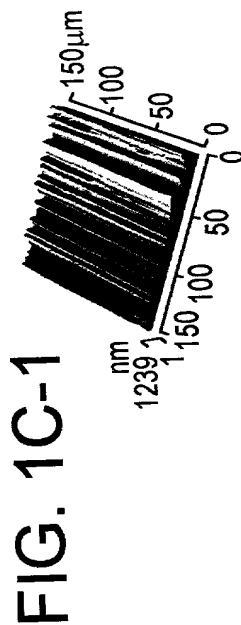
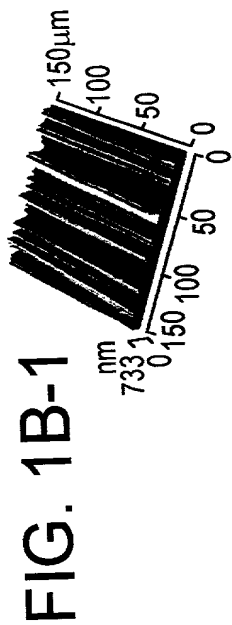
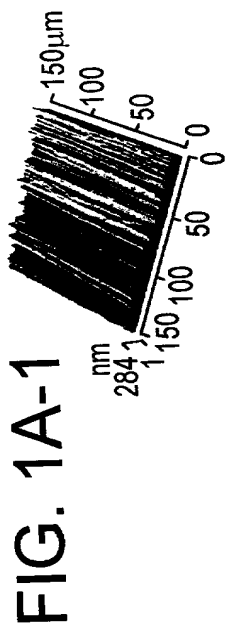


FIG. 2



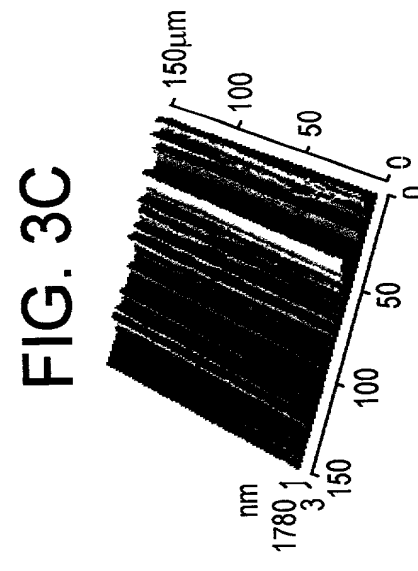
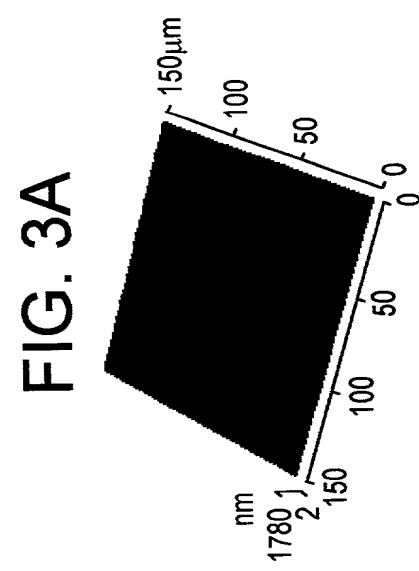
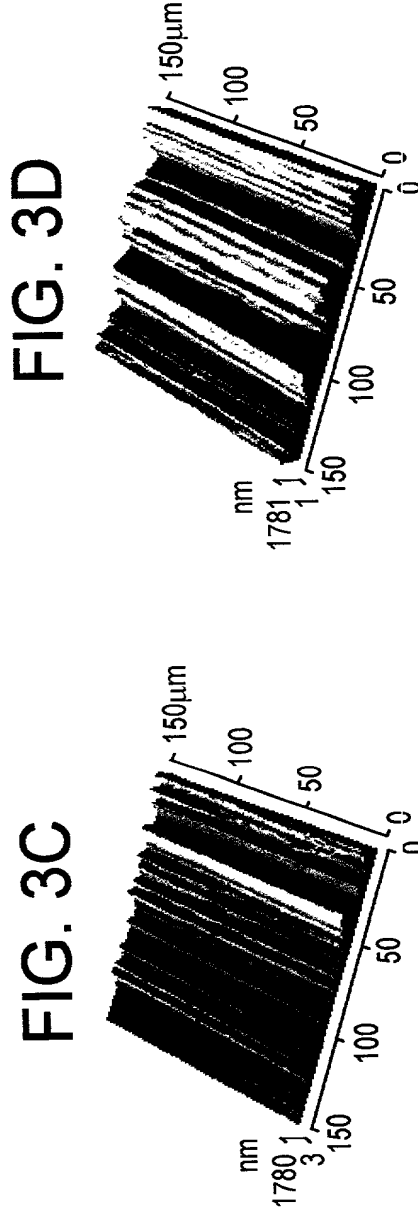
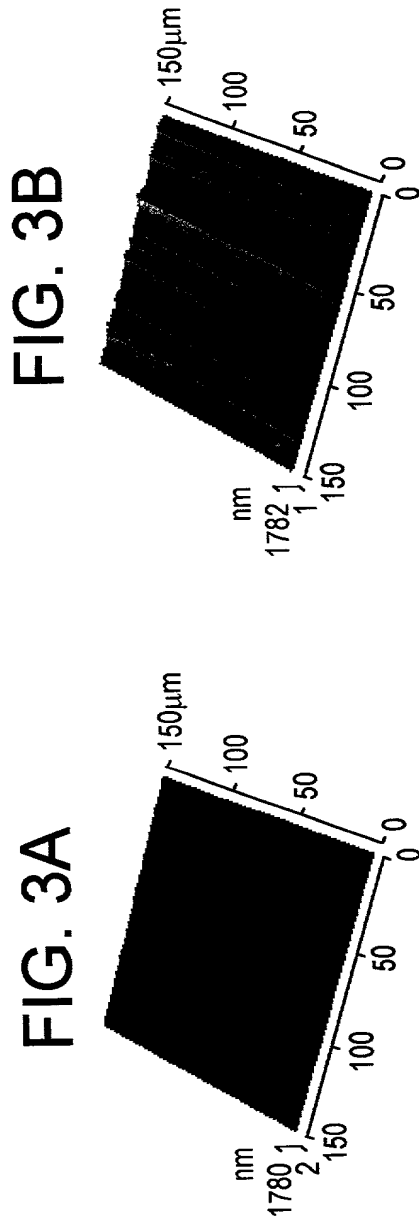


FIG. 4A-1

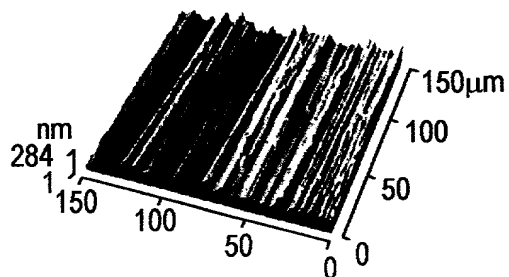


FIG. 4A-2

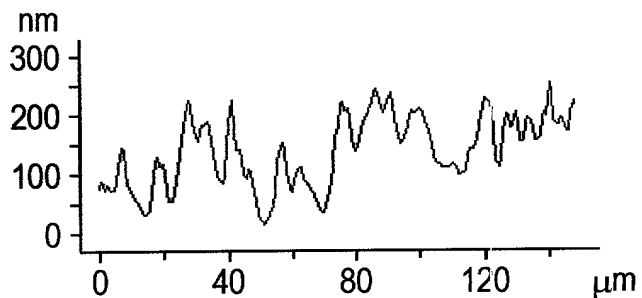


FIG. 4B-1

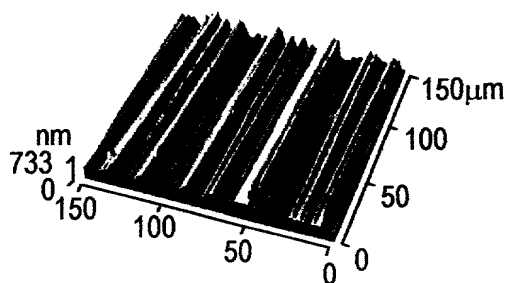


FIG. 4B-2

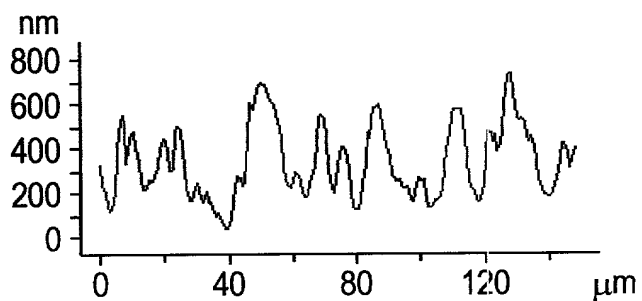


FIG. 4C-1

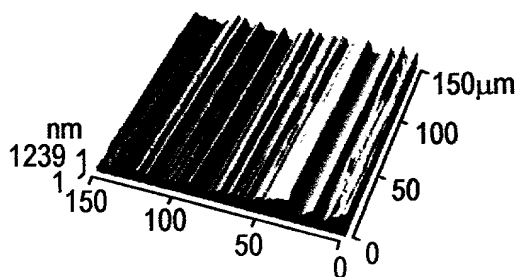


FIG. 4C-2

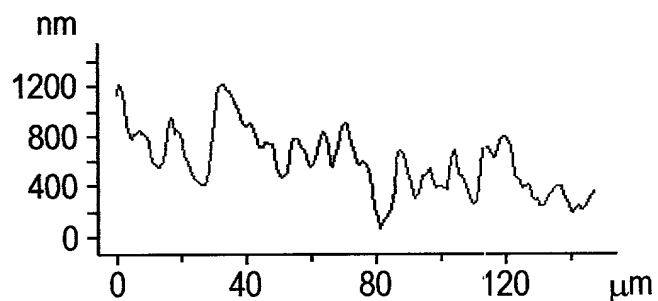


FIG. 4D-1

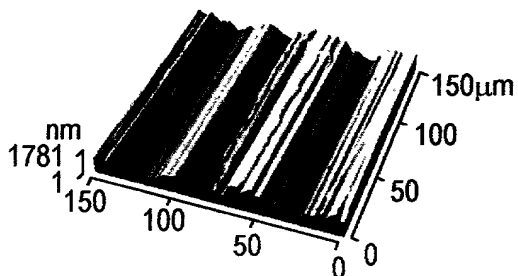
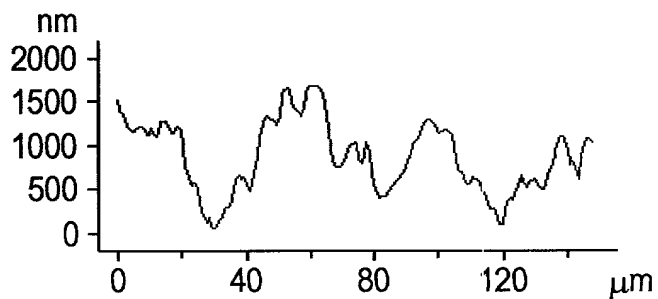


FIG. 4D-2



**FIG. 5A**



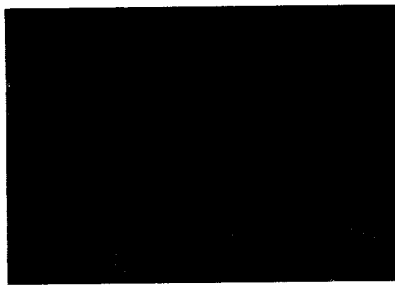
Magnification 63X

**FIG. 5B**



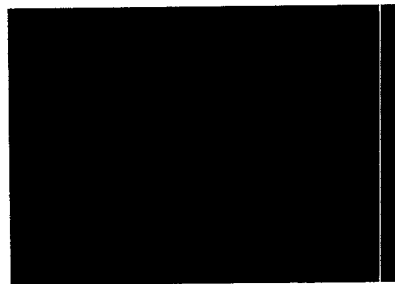
Magnification 63X

**FIG. 5C**



Magnification 63X

FIG. 5D



Magnification 63X

FIG. 6A-1



Magnification 63X

FIG. 6A-2



Magnification 63X

FIG. 6B



Magnification 63X

FIG. 6C



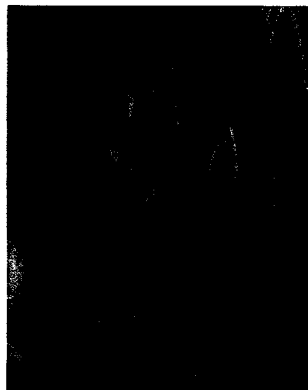
Magnification 63X

FIG. 6D-1



Magnification 63X

FIG. 6D-2



Magnification 63X

FIG. 7A

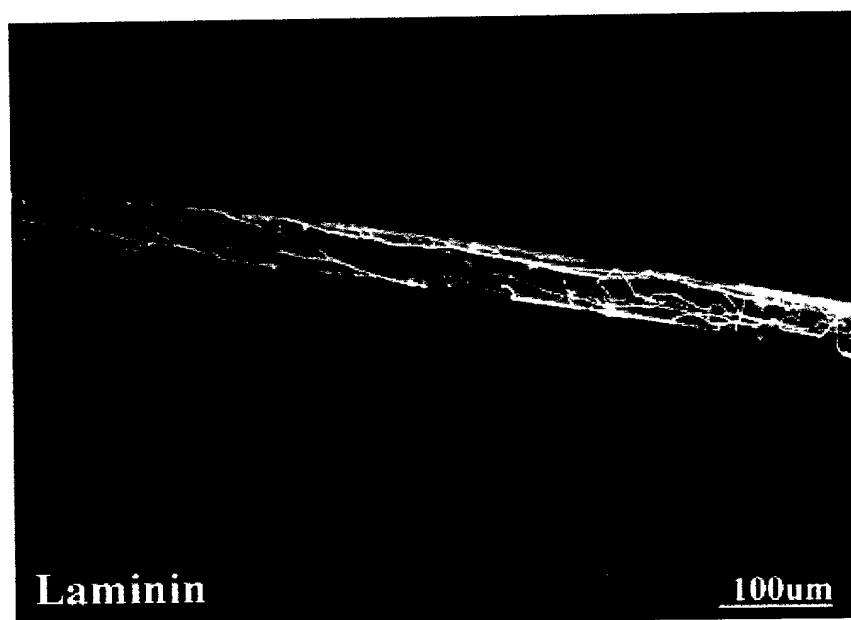
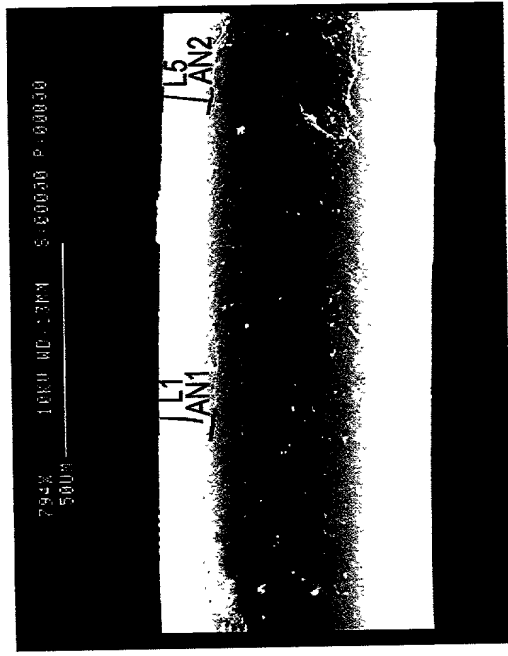


FIG. 7B



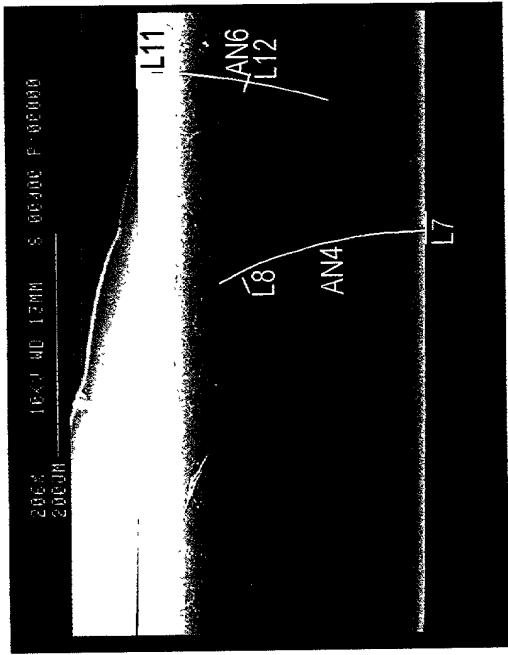
200E60" 52F52001

FIG. 8A-1



Polypropylene Fiber: 70 micron smooth

FIG. 8A-2



Polypropylene Fiber: 250 micron smooth

FIG. 8A-3

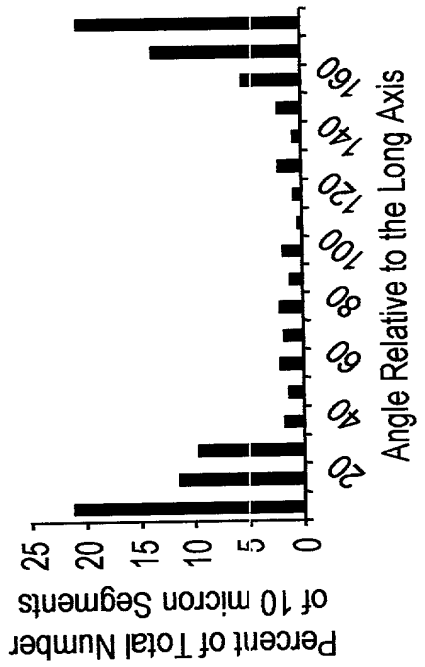


FIG. 8A-4

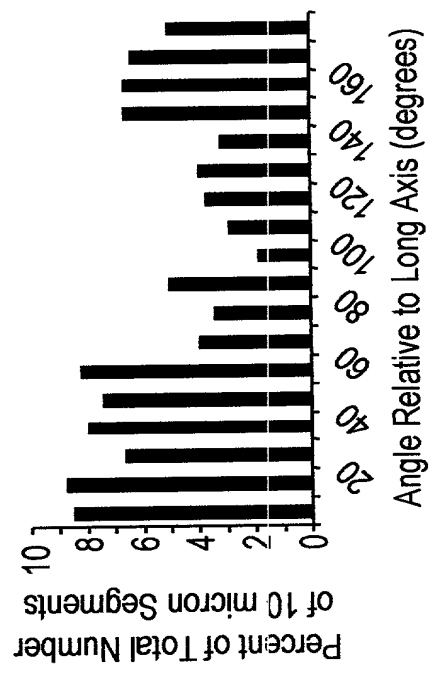




FIG. 8B-1

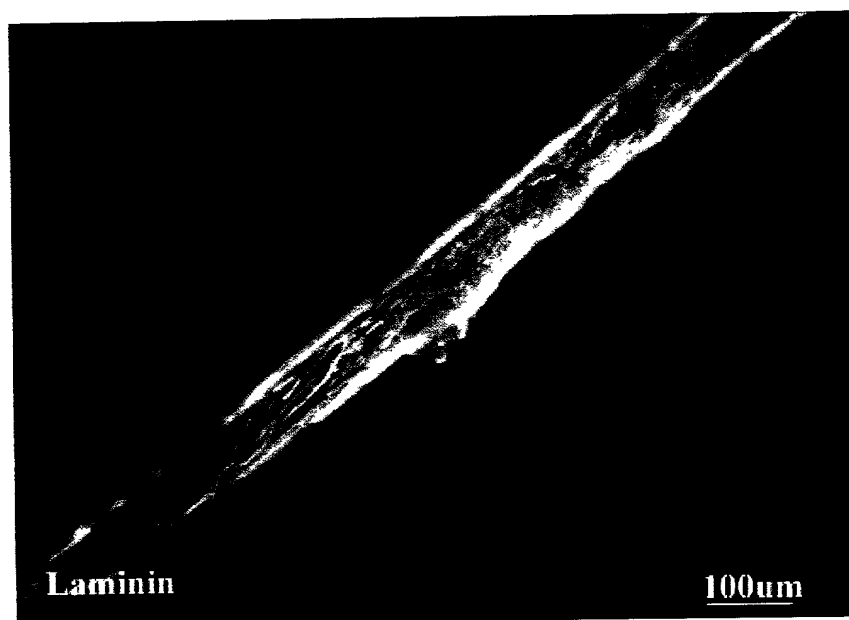


FIG. 8B-2

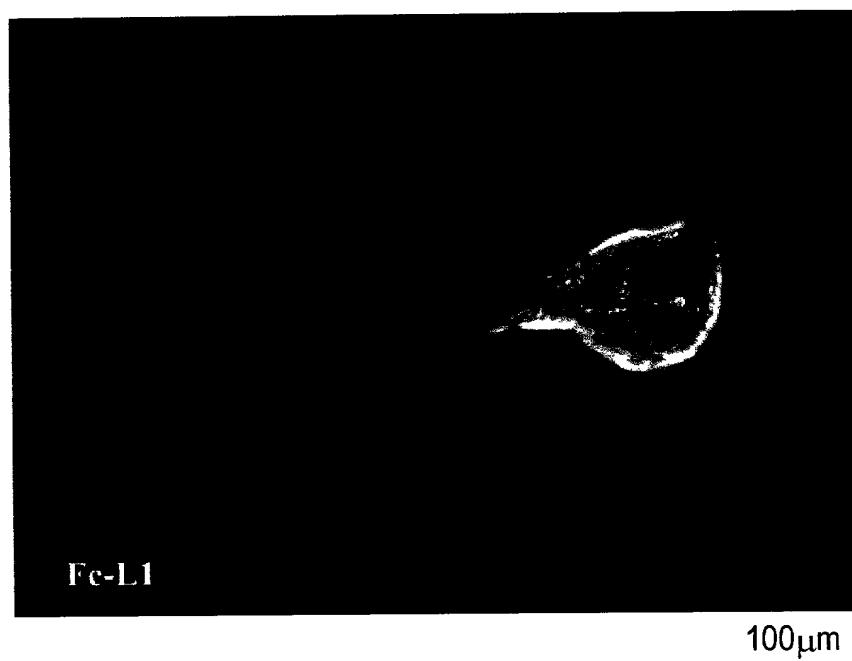


FIG. 9A

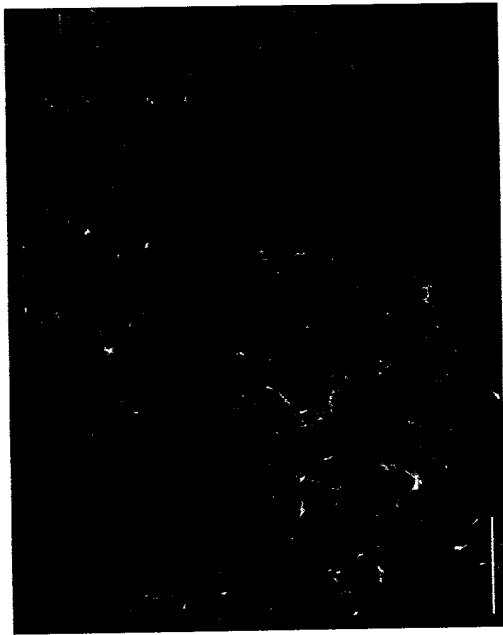


FIG. 9B

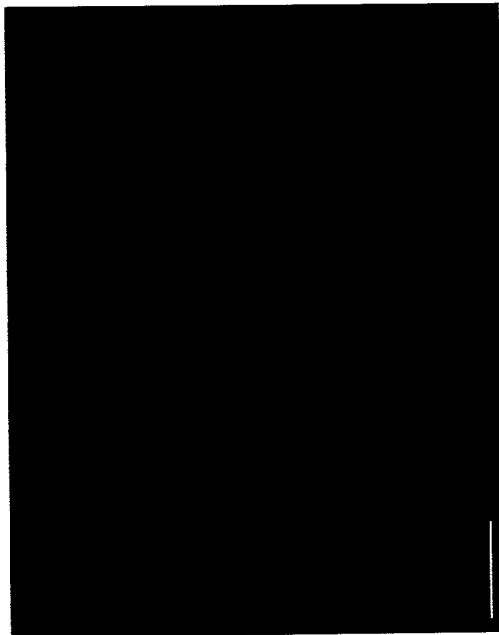


FIG. 9C

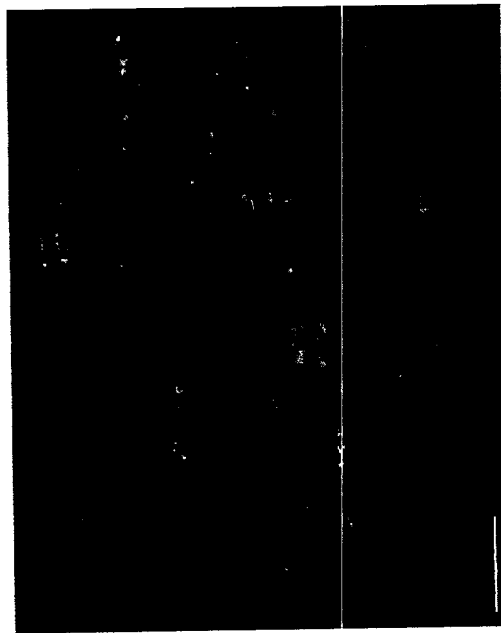
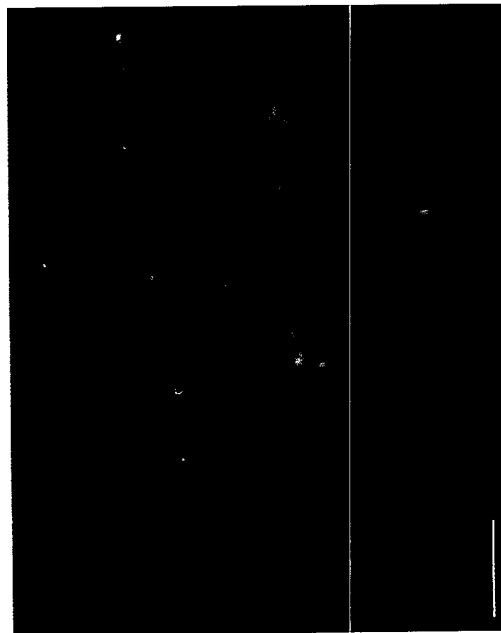


FIG. 9D



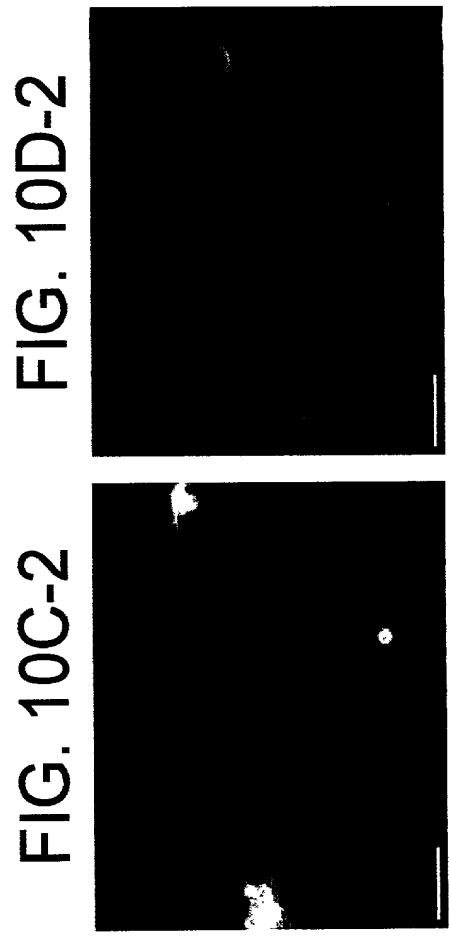
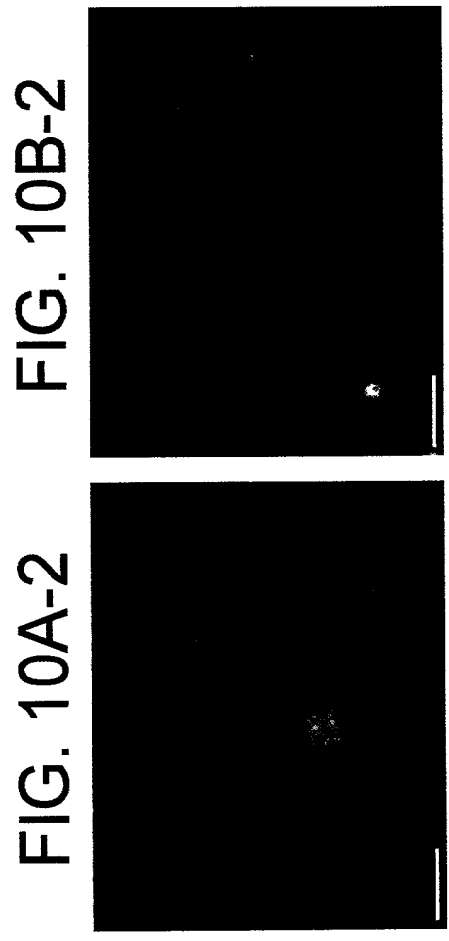
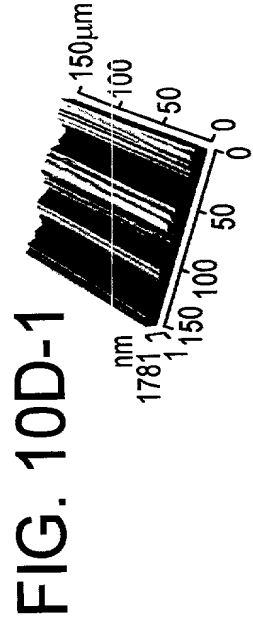
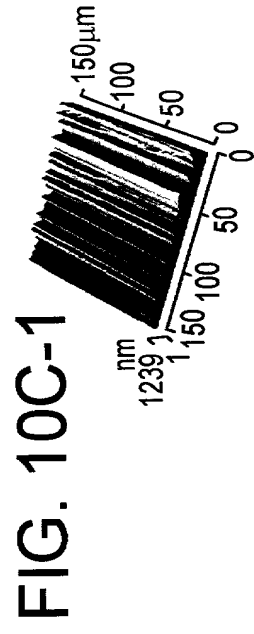
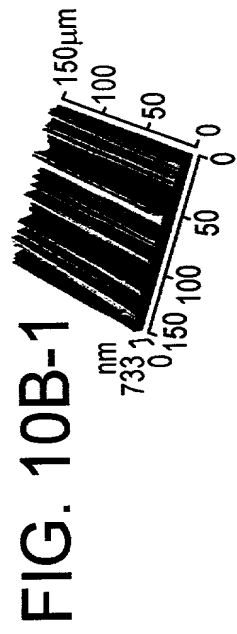
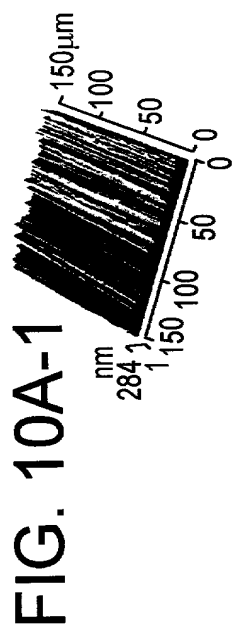


FIG. 11A

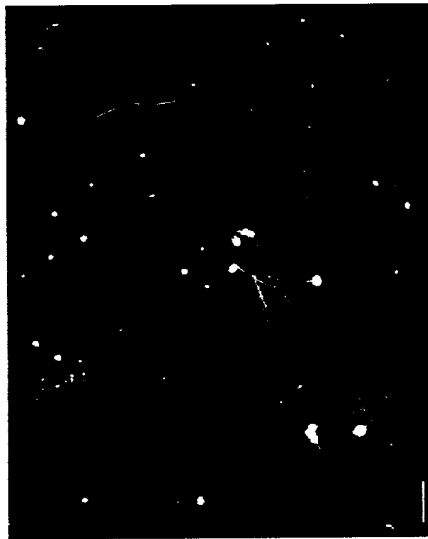


FIG. 11B



FIG. 11C



FIG. 11D

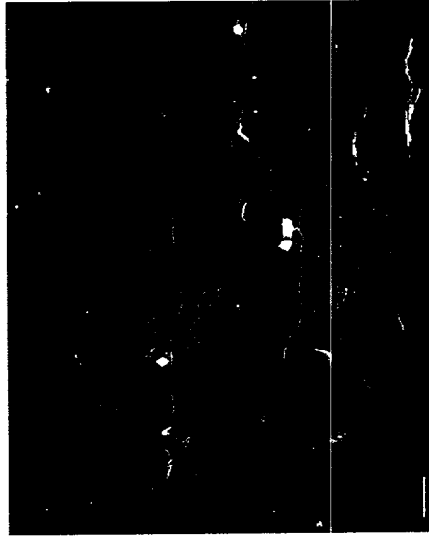


FIG. 11E

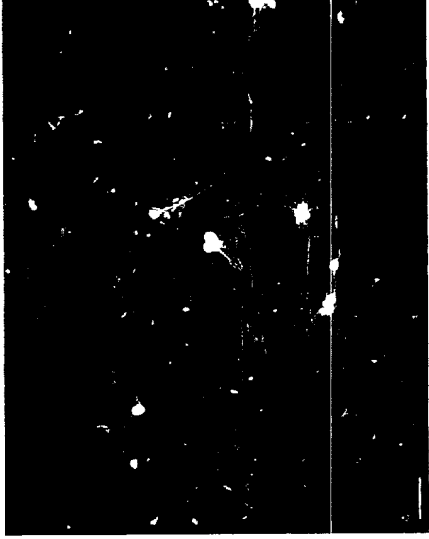


FIG. 11F

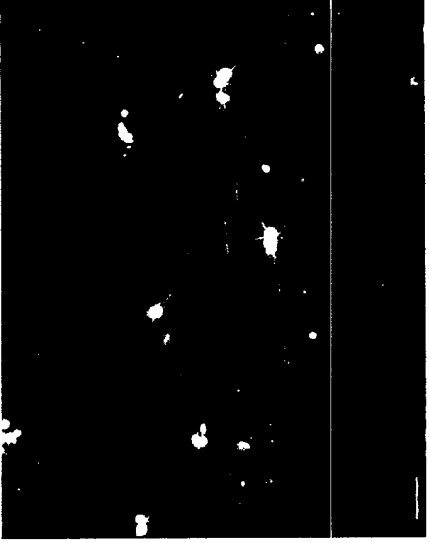


FIG. 12A



FIG. 12B

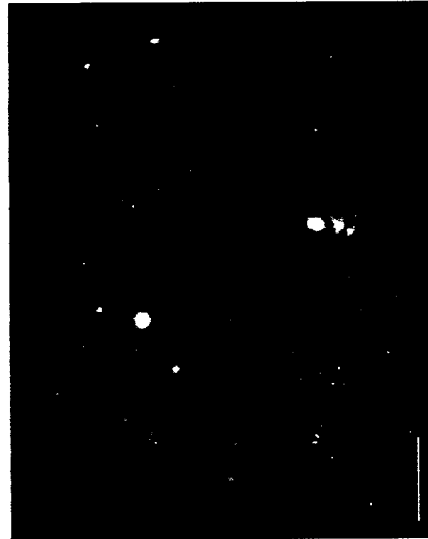


FIG. 12C

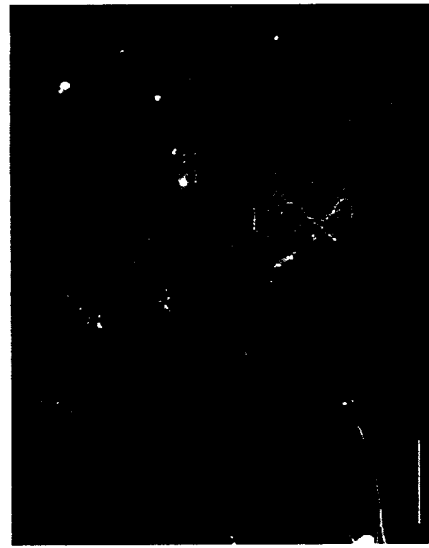


FIG. 12D



FIG. 12E

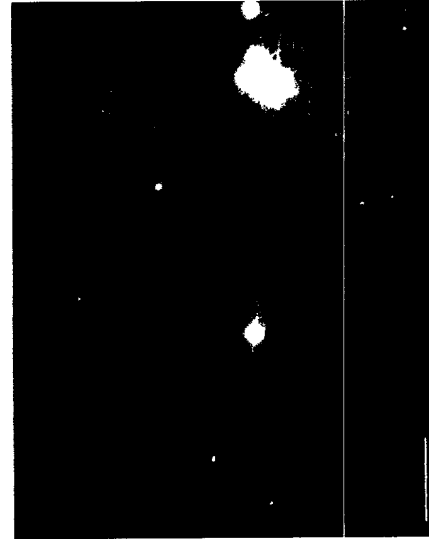


FIG. 12F

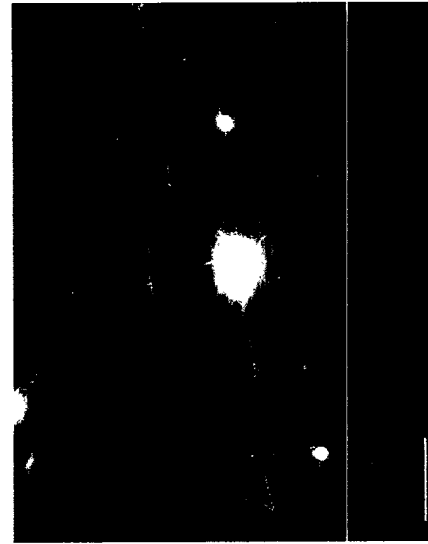


FIG. 13

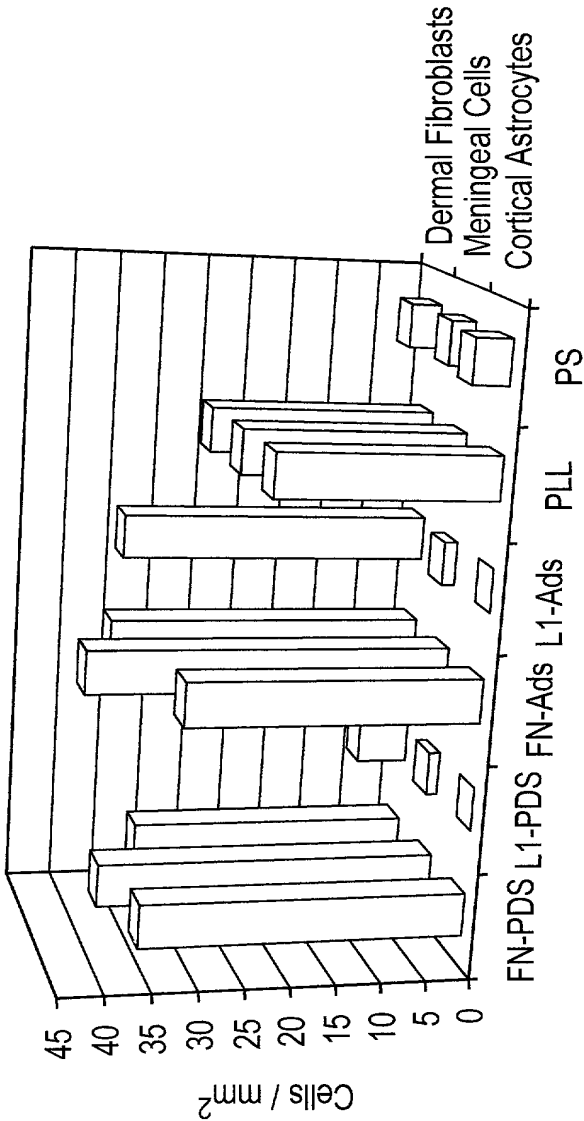


FIG. 14

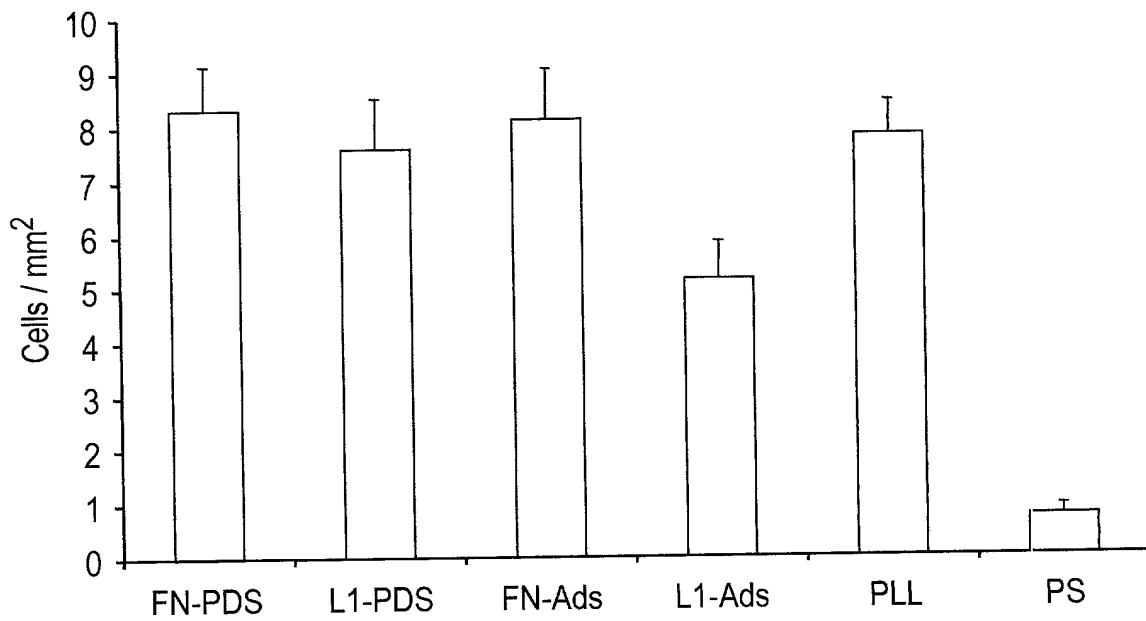


FIG. 15

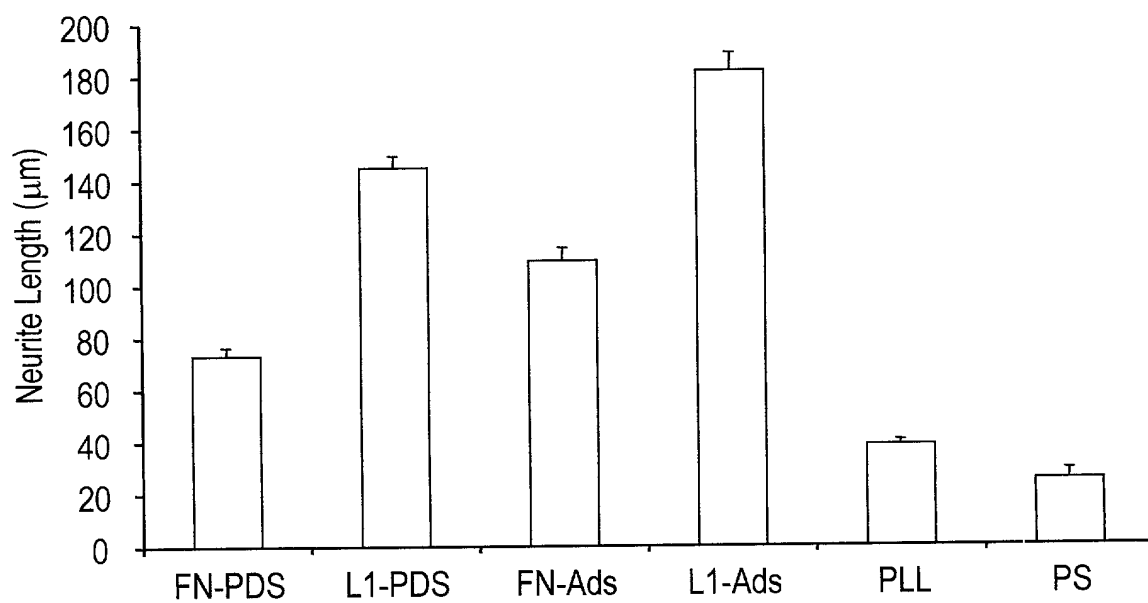




FIG. 16

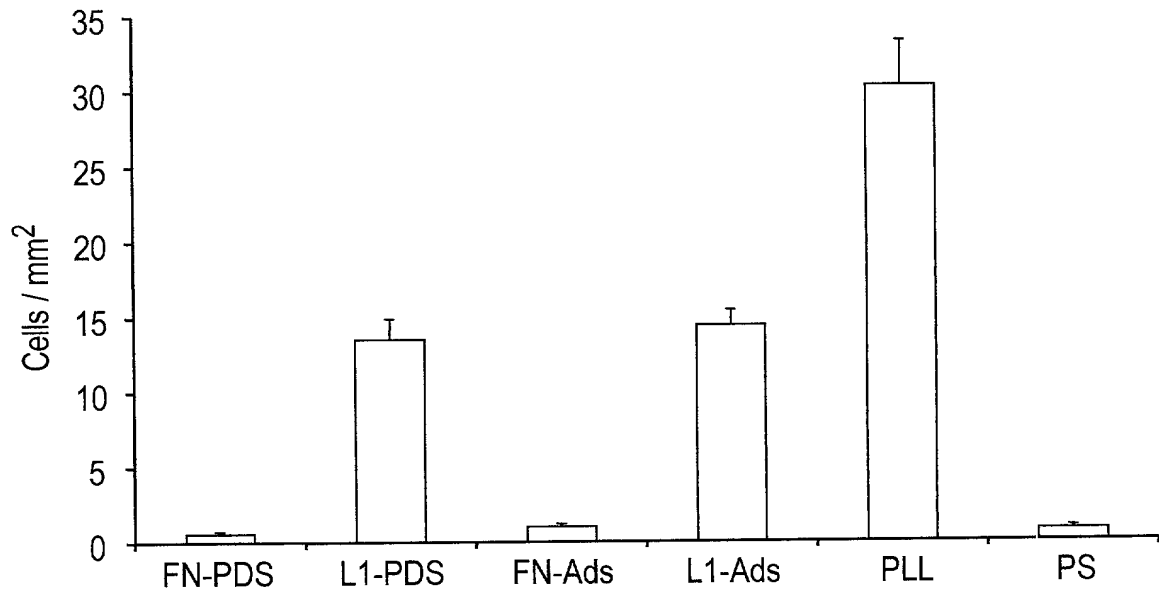
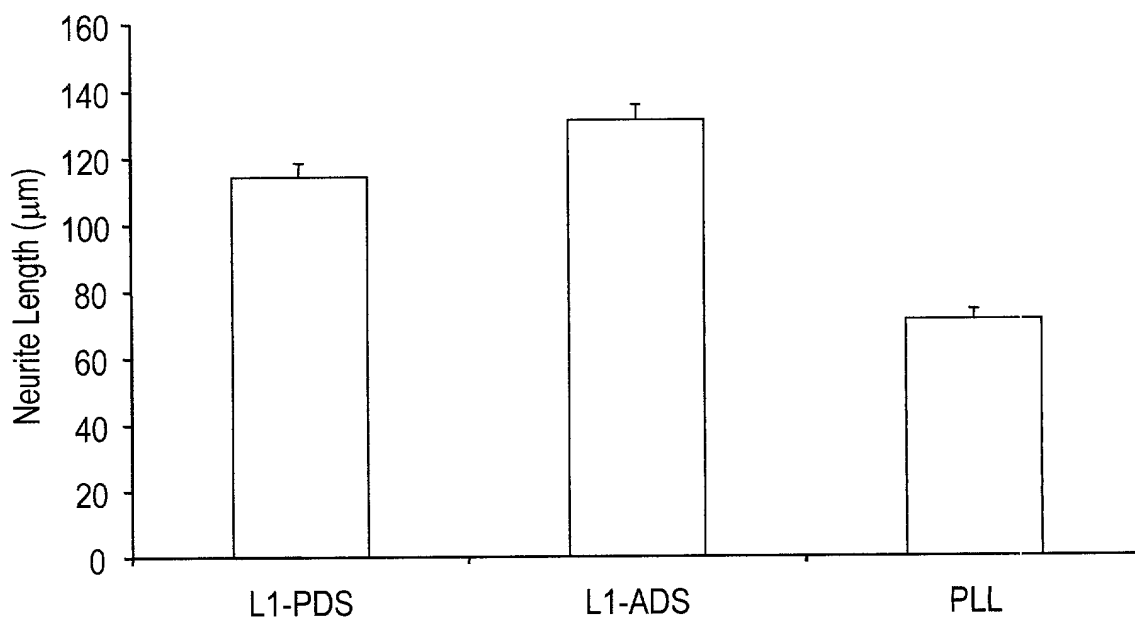


FIG. 17





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FIG. 18

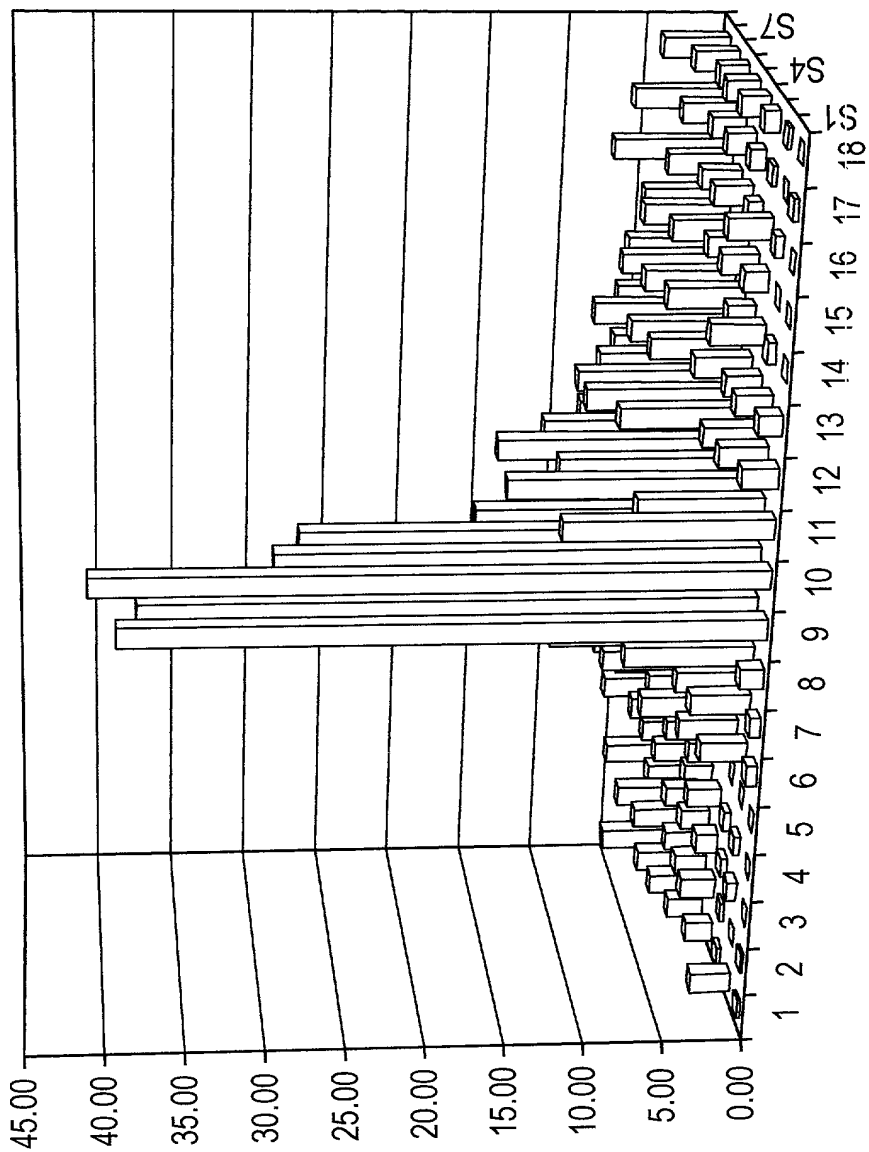


FIG. 19

Multi-filament NFG device

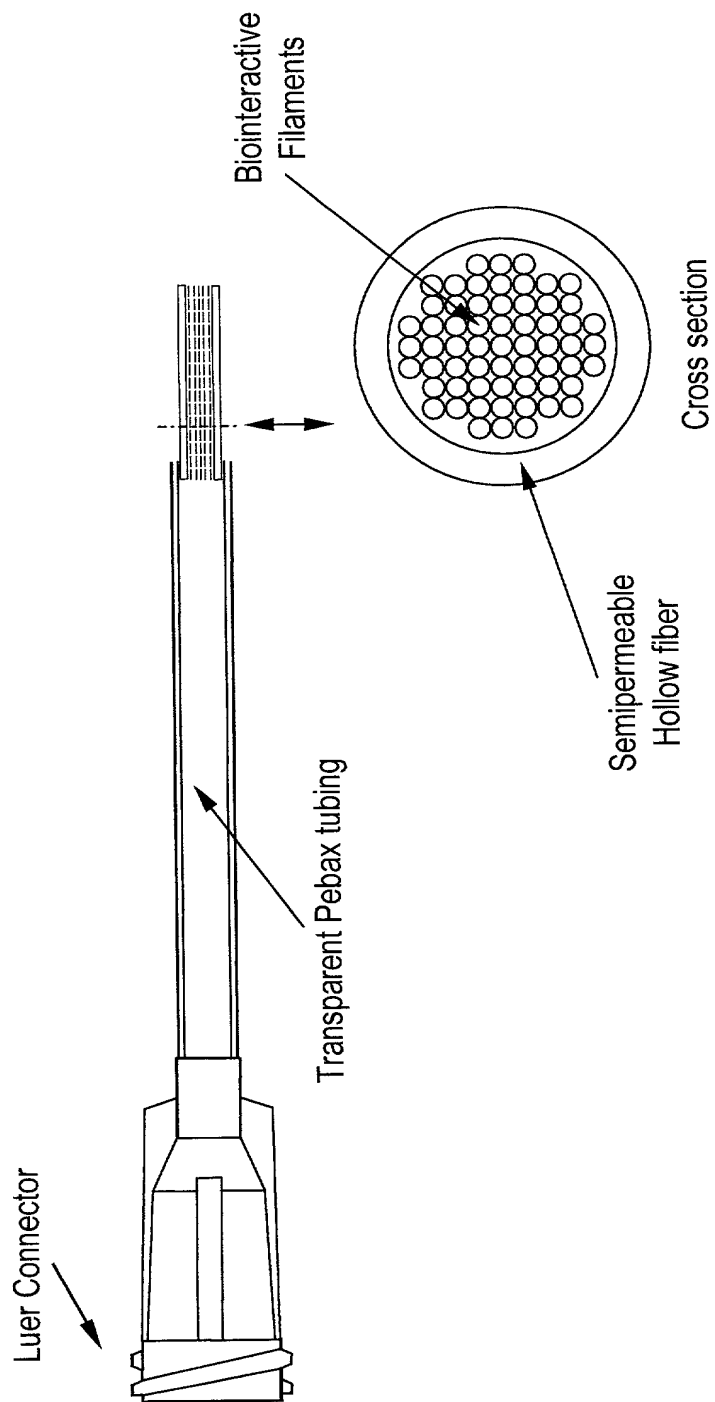


FIG. 20

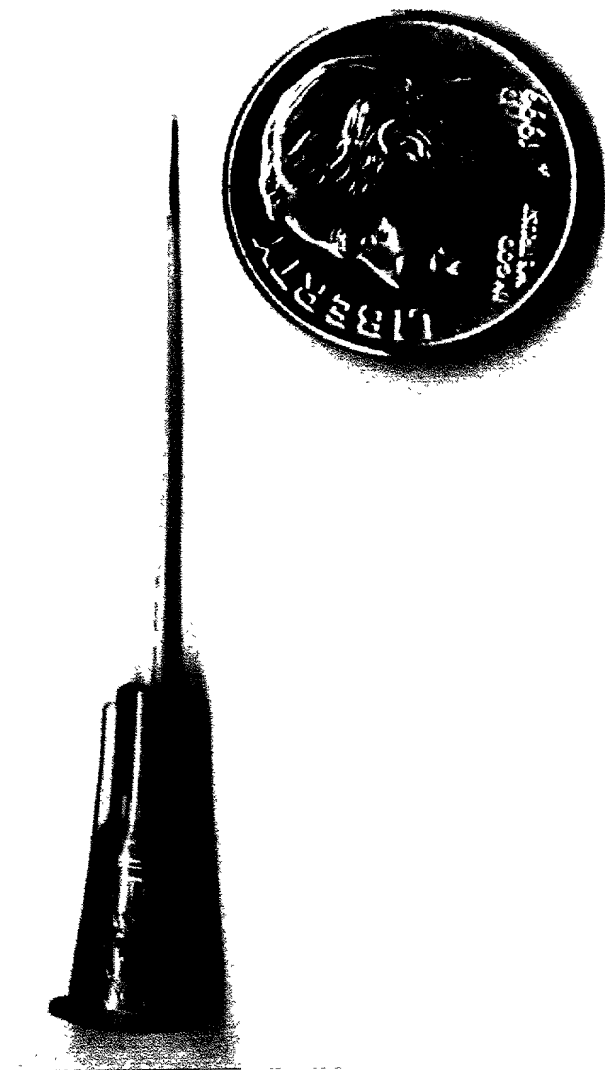


FIG. 21A

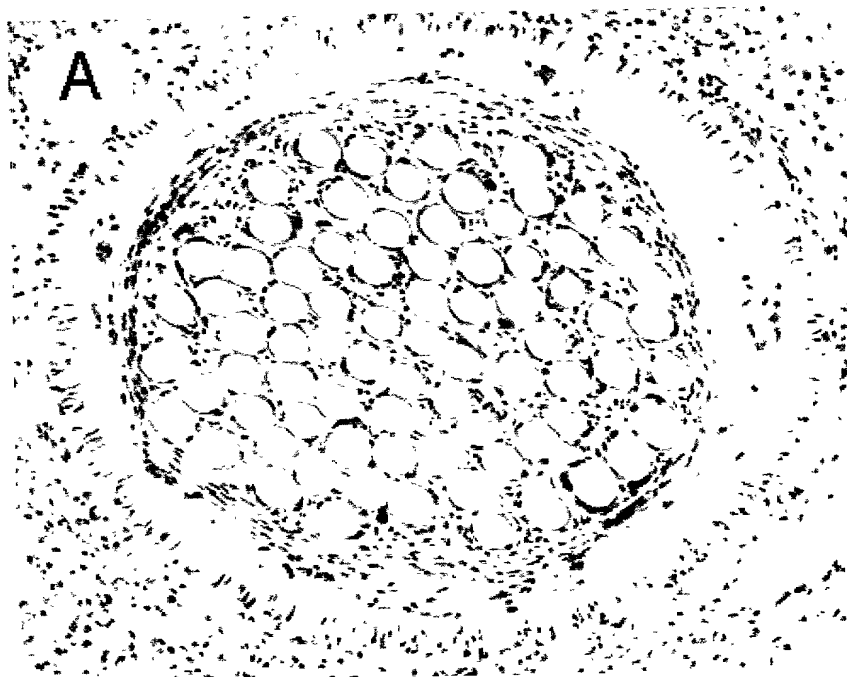


FIG. 21B

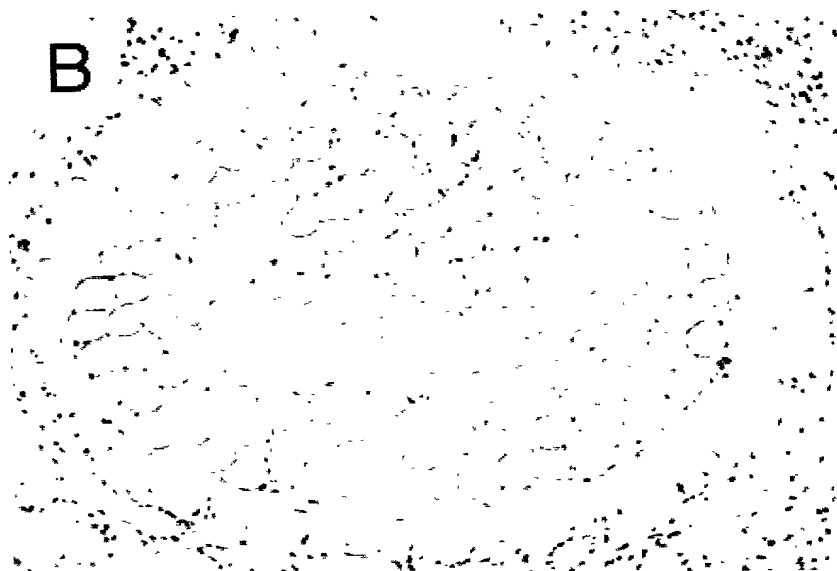
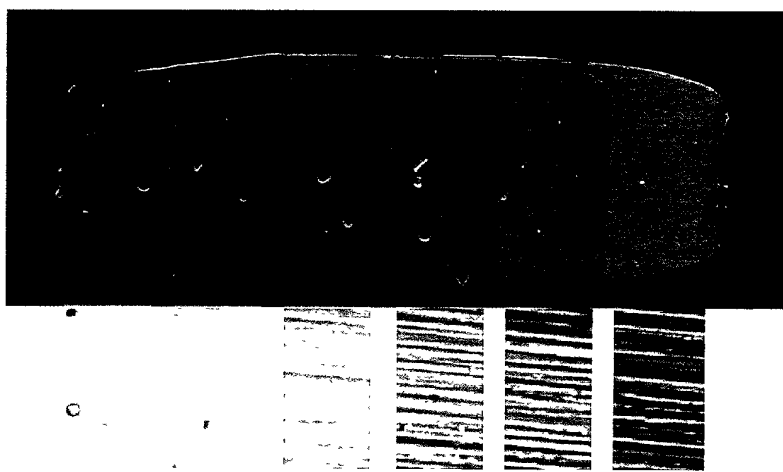


FIG. 22



scale bar = 100 microns

FIG. 23A

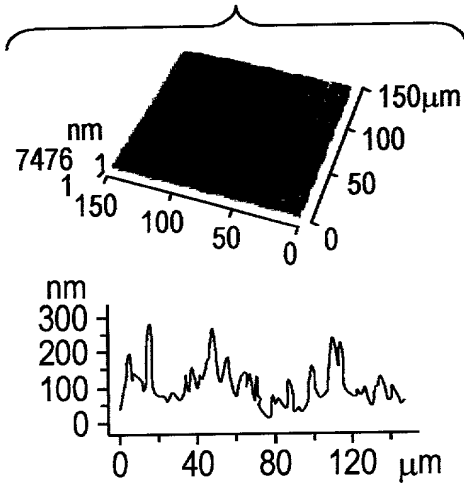


FIG. 23D

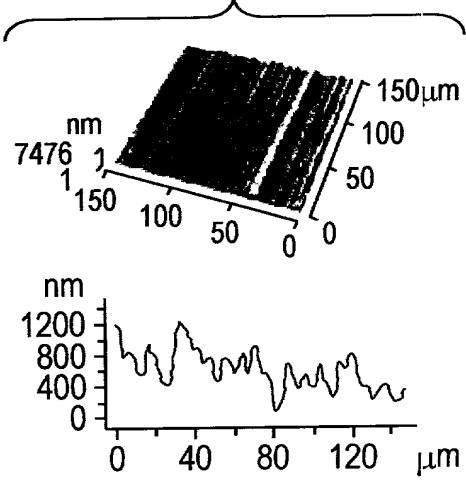


FIG. 23B

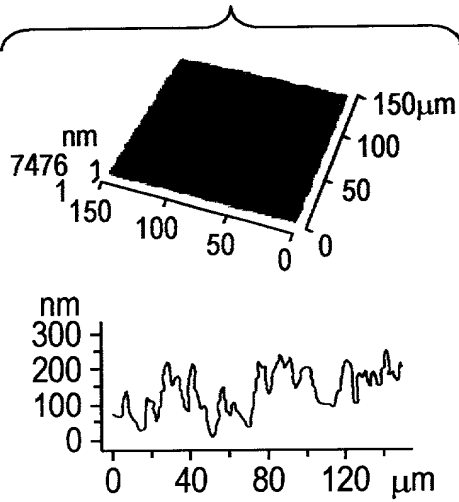


FIG. 23E

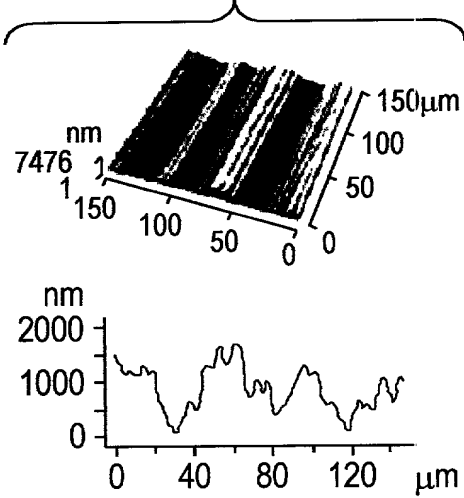


FIG. 23C

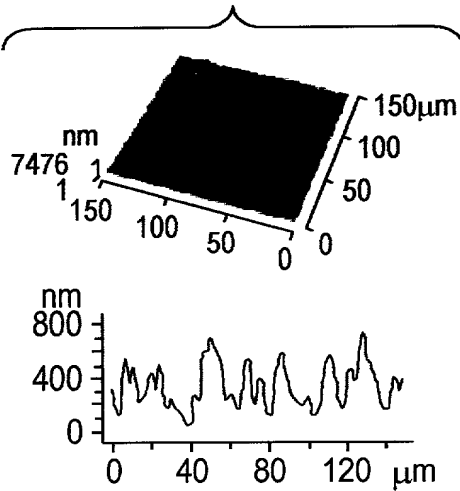


FIG. 23F

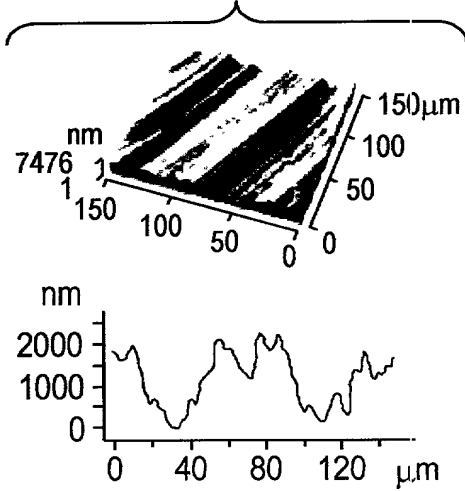




FIG. 24

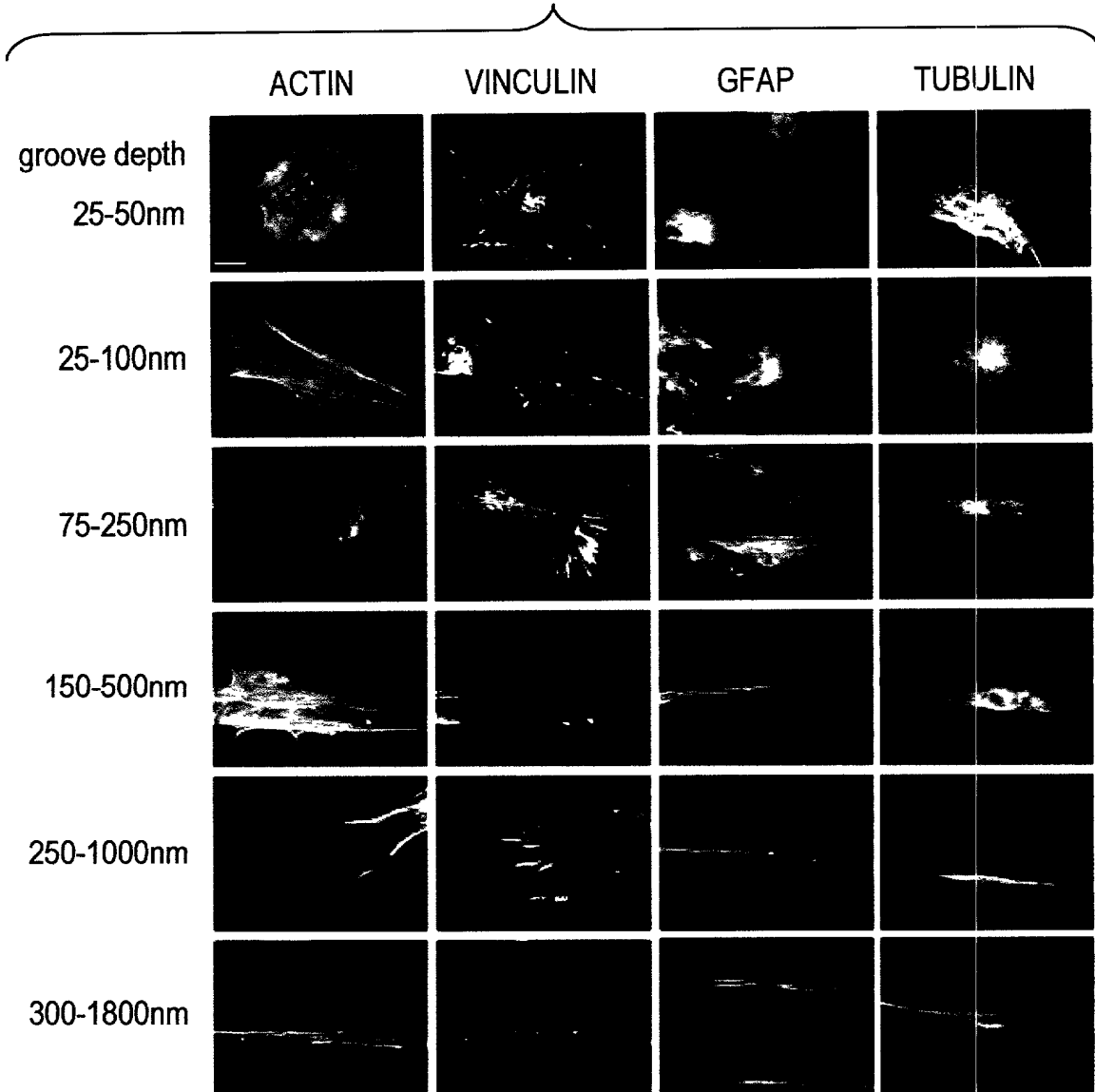
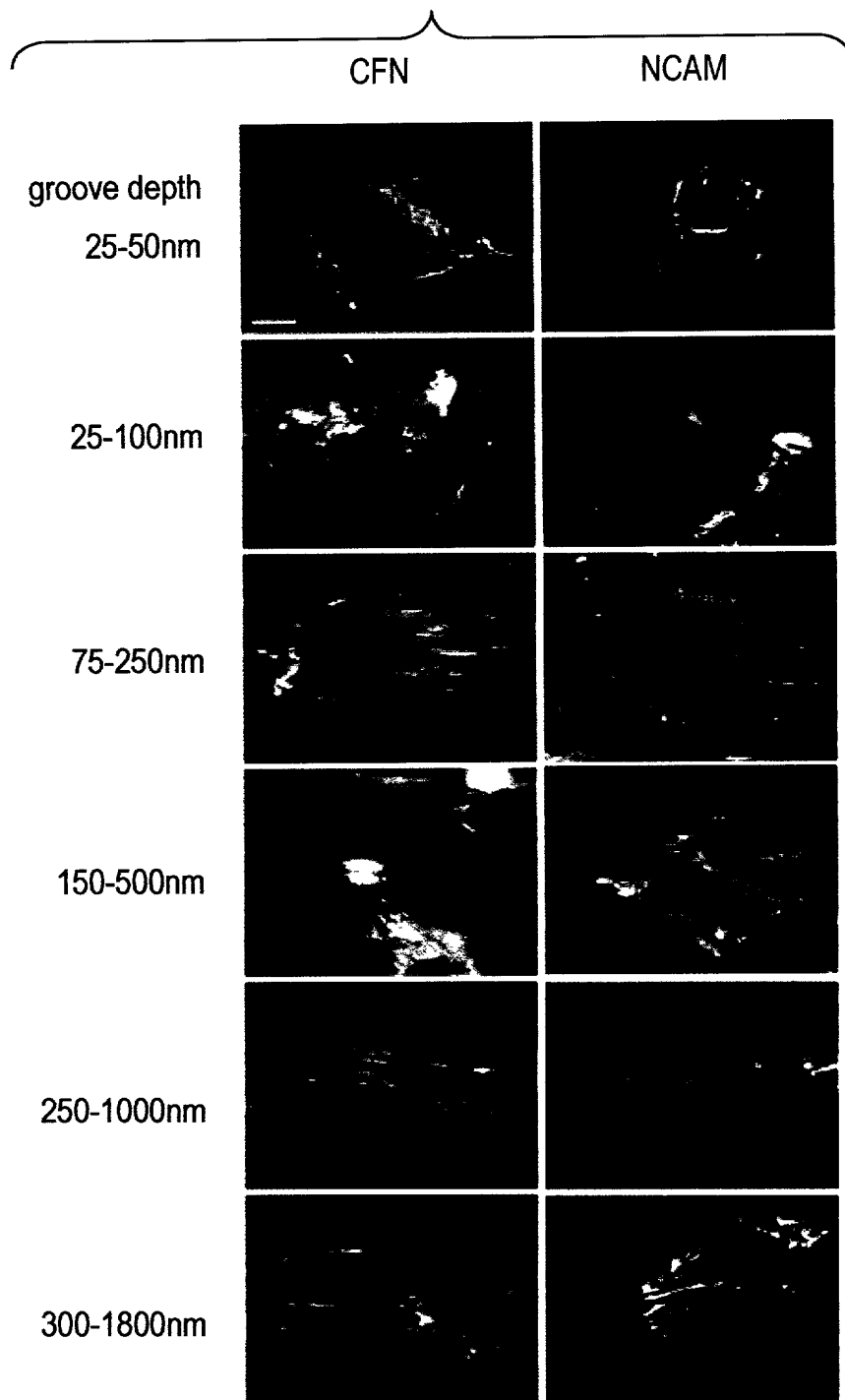


FIG. 25



Scale bar = 20 microns

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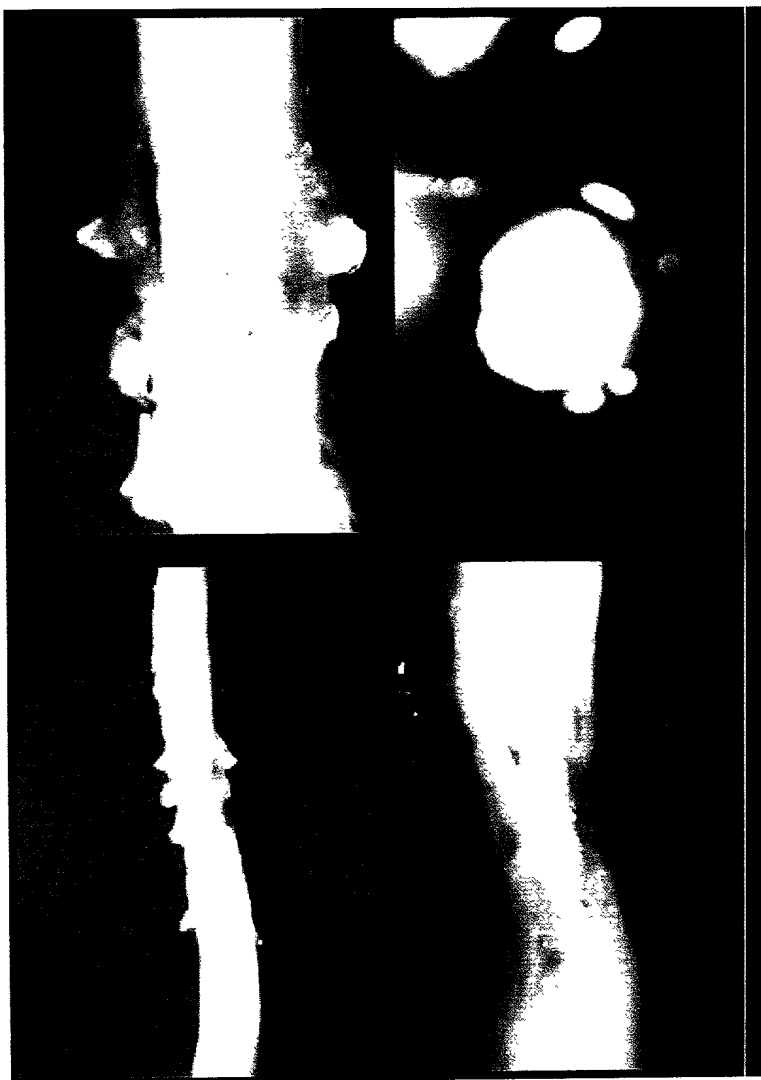


FIG. 26

[illegible]

FIG. 27A



FIG. 27B

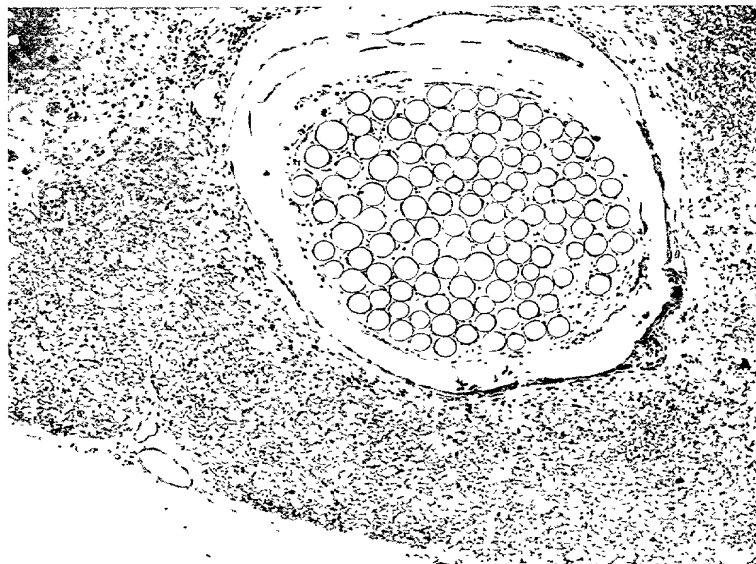
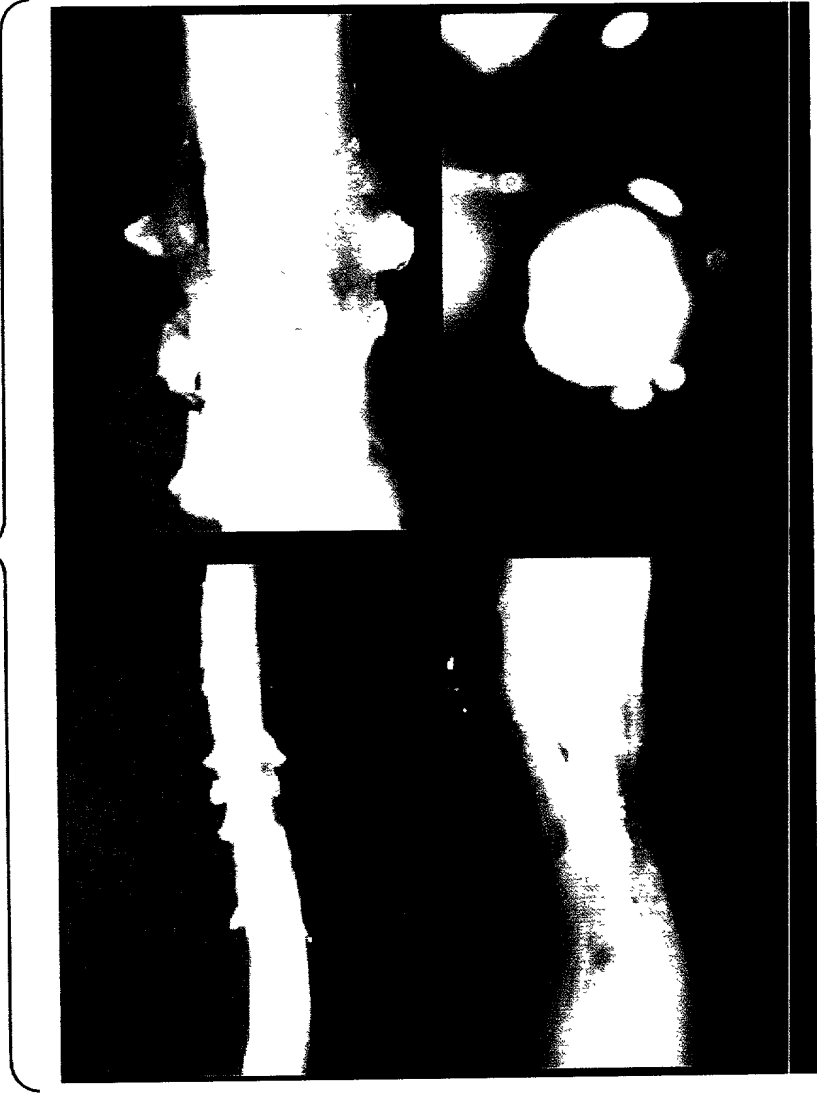


FIG. 28



10075129 093002

FIG. 29

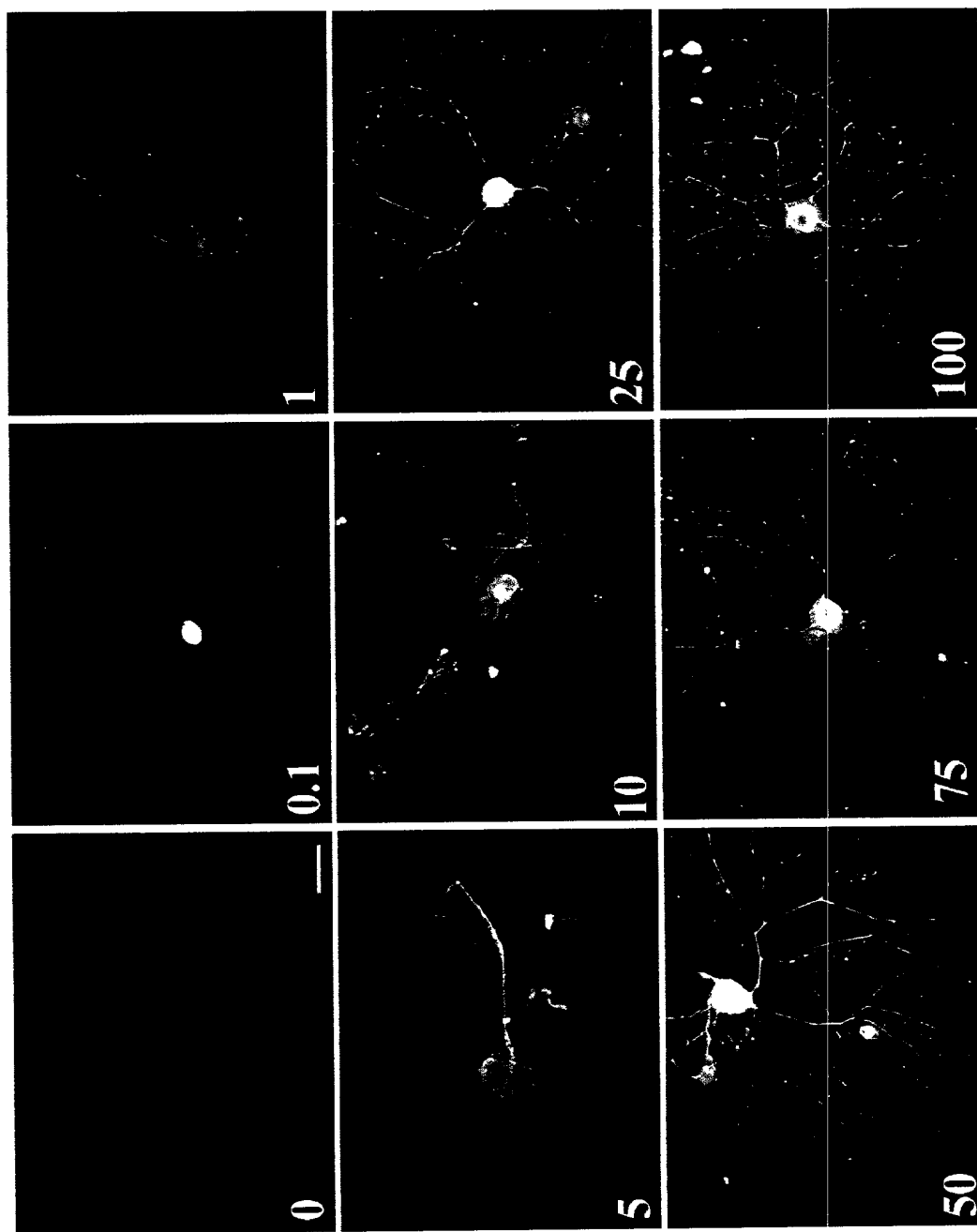
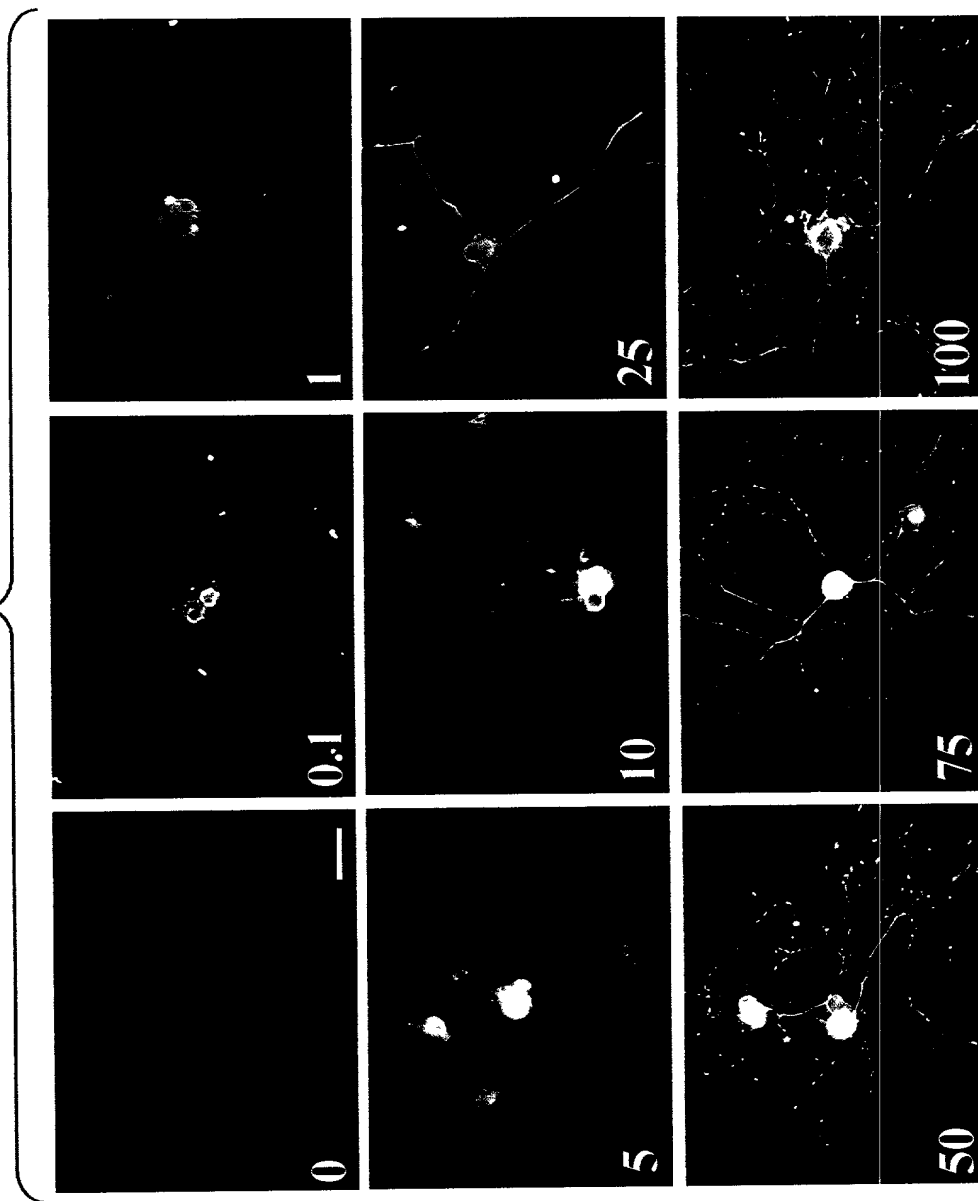


FIG. 30



10075429 093002